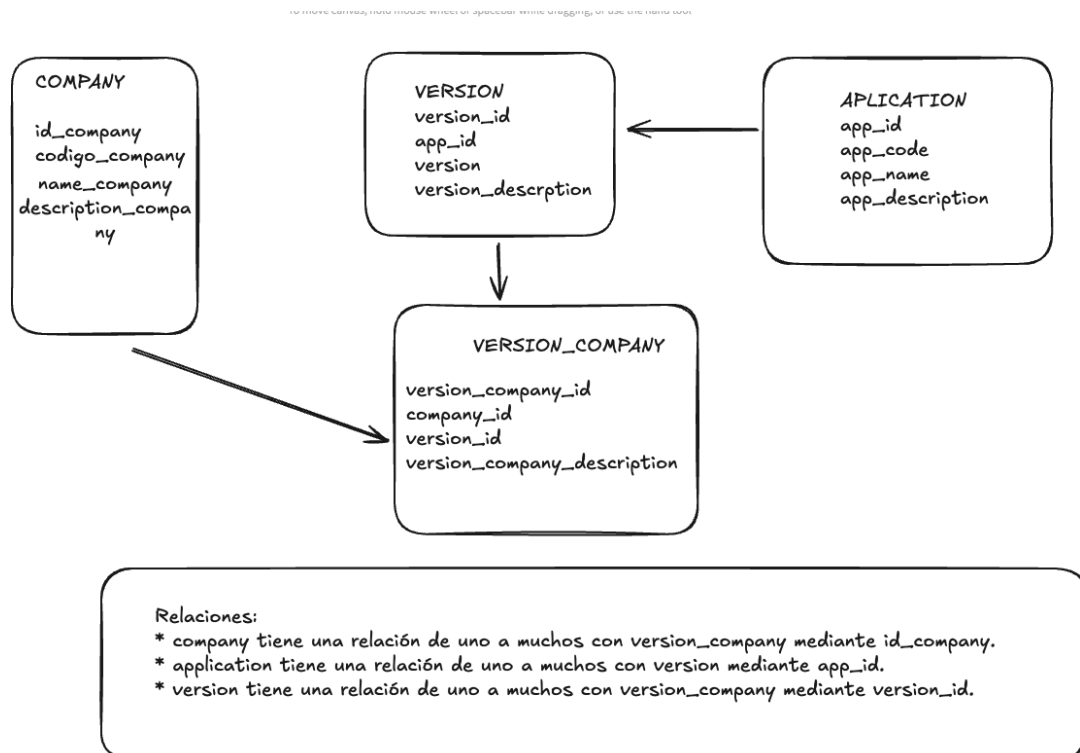


prueba técnica Andrés Felipe Gañan Moreno

## 1 Gráfico de relaciones.



## 2 Script para crear la tabla 'VERSION\_COMPANY'

```
CREATE TABLE version_company (  
    version_company_id SERIAL PRIMARY KEY,  
    company_id INTEGER NOT NULL,  
    version_id INTEGER NOT NULL,  
    version_company_description VARCHAR(255),  
    CONSTRAINT fk_company FOREIGN KEY (company_id) REFERENCES company(id_company),  
    CONSTRAINT fk_version FOREIGN KEY (version_id) REFERENCES version(version_id),  
    CONSTRAINT uq_company_version UNIQUE (company_id, version_id)  
);
```

## 3 - scrip procedimiento almacenado

```
CREATE OR REPLACE PROCEDURE insertar_datos()  
LANGUAGE plpgsql  
AS $$  
DECLARE  
    r RECORD;  
BEGIN  
    FOR r IN SELECT * FROM TMP_LLENAR_CAMPOS LOOP  
        BEGIN
```

```

INSERT INTO company (id_company, codigo_company, name_company,
description_company)
VALUES (r.id_company, r.codigo_company, r.name_company,
r.description_company)
ON CONFLICT (id_company) DO NOTHING;

INSERT INTO application (app_id, app_code, app_name, app_description)
VALUES (r.app_id, r.app_code, r.app_name, r.app_description)
ON CONFLICT (app_id) DO NOTHING;

INSERT INTO version (version_id, app_id, version, version_description)
VALUES (r.version_id, r.app_id, r.version, r.version_description)
ON CONFLICT (version_id) DO NOTHING;

INSERT INTO version_company (version_company_id, company_id, version_id,
version_company_description)
VALUES (r.version_company_id, r.company_id, r.version_id,
r.version_company_description)
ON CONFLICT (version_company_id) DO NOTHING;

EXCEPTION
WHEN OTHERS THEN
RAISE NOTICE 'Error al insertar fila: %', SQLERRM;
END;
END LOOP;
END;
$$;

```

## Invocar procedimiento

```
CALL insertar_datos();
```

insertar datos a la tabla temporal

```

INSERT INTO TMP_LLENAR_CAMPOS VALUES
(1, 'C001', 'Empresa Uno', 'Software financiero',
101, 'APP001', 'FinanzasApp', 'App contable',
201, 'v1.0', 'Versión inicial',
301, 1, 'Versión 1.0 de FinanzasApp para Empresa Uno'),

(2, 'C002', 'Empresa Dos', 'Servicios digitales',
102, 'APP002', 'ServiciosApp', 'App de gestión',
202, 'v1.0', 'Primera versión',
302, 2, 'Versión 1.0 de ServiciosApp para Empresa Dos'),

(3, 'C003', 'Empresa Tres', 'Servicios funebres',
102, 'APP002', 'FunebresApp', 'App de registro',
202, 'v1.0', 'Primera versión',

```

302, 2, 'Versión 1.0 de FunebresApp para Empresa Tres');